

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102220\
 Data File : VX019037.D
 Acq On : 22 Oct 2020 18:59
 Operator : JC/SP
 Sample : L4417-14
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-6

Quant Time: Oct 23 09:42:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102120W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 22 17:51:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	264028	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	459376	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	443331	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	225080	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	161304	51.00	ug/l	0.00
Spiked Amount			Recovery	=	102.00%	
35) Dibromofluoromethane	5.46	113	143360	49.29	ug/l	0.00
Spiked Amount			Recovery	=	98.58%	
50) Toluene-d8	8.70	98	572647	51.60	ug/l	0.00
Spiked Amount			Recovery	=	103.20%	
62) 4-Bromofluorobenzene	11.12	95	206875	52.40	ug/l	0.00
Spiked Amount			Recovery	=	104.80%	

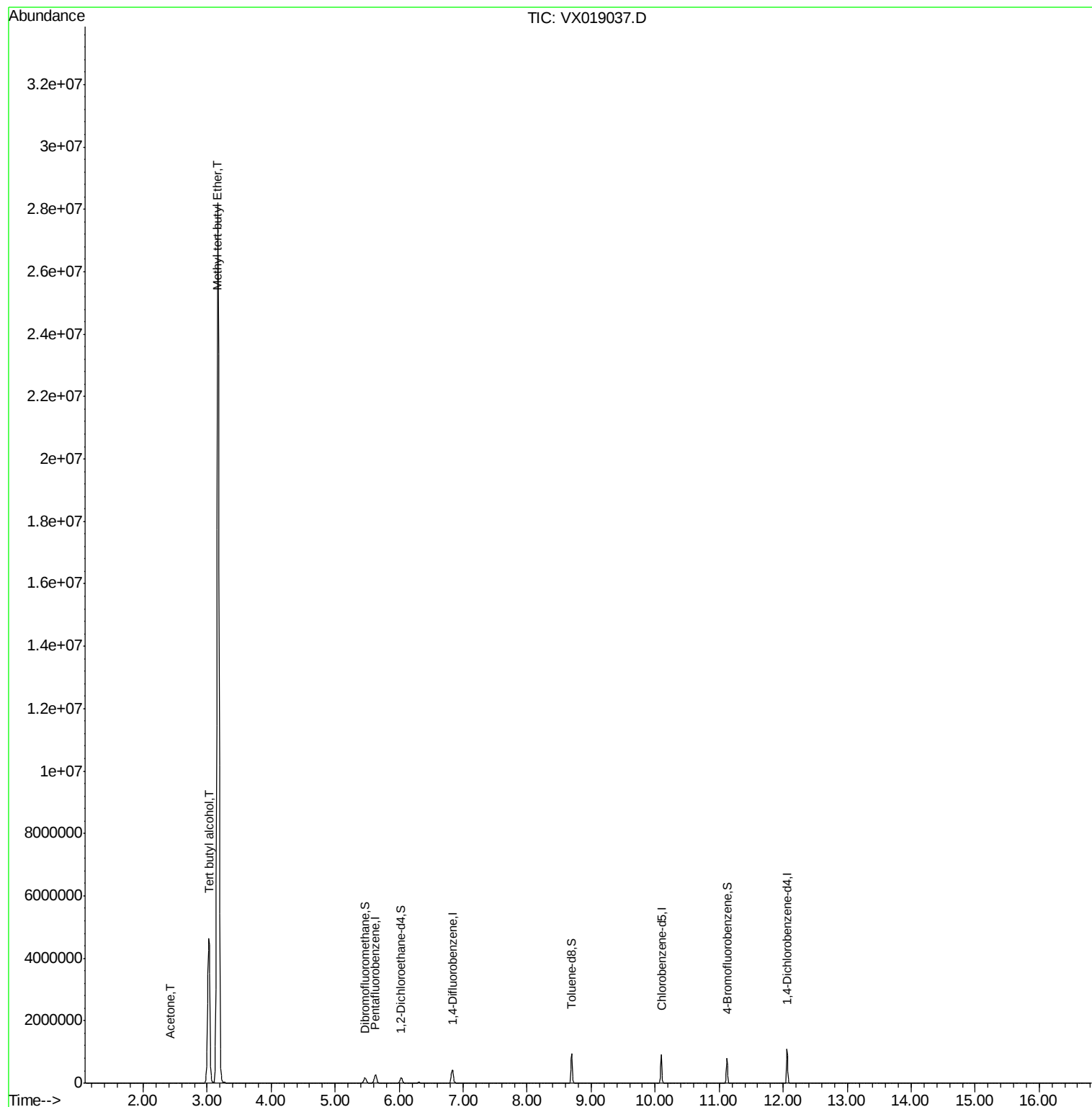
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.03	59	6763531	10559.183	ug/l	99
16) Acetone	2.42	43	3088	2.867	ug/l	98
19) Methyl tert-butyl Ether	3.16	73	26286831	3229.191	ug/l #	64

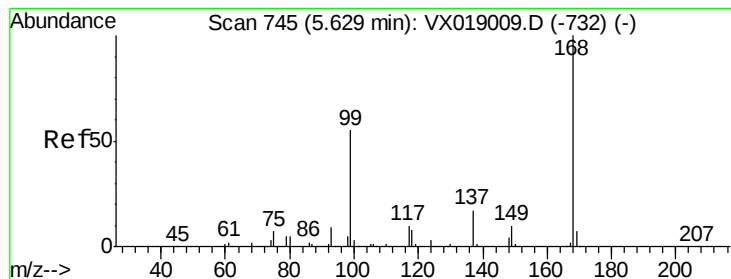
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX102220\
Data File : VX019037.D
Acq On : 22 Oct 2020 18:59
Operator : JC/SP
Sample : L4417-14
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-6

Quant Time: Oct 23 09:42:43 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X102120W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 22 17:51:42 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.00 min

Lab File: VX019037.D

Acq: 22 Oct 2020 18:59

Instrument :

MSVOA_X

ClientSampled :

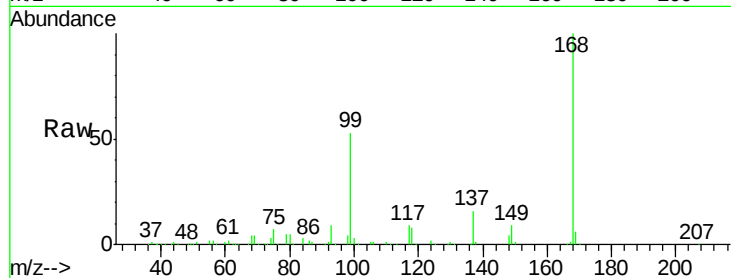
MW-6

Tot Ion:168 Resp: 264028

Ion Ratio Lower Upper

168 100

99 53.4 44.2 66.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

100000

80000

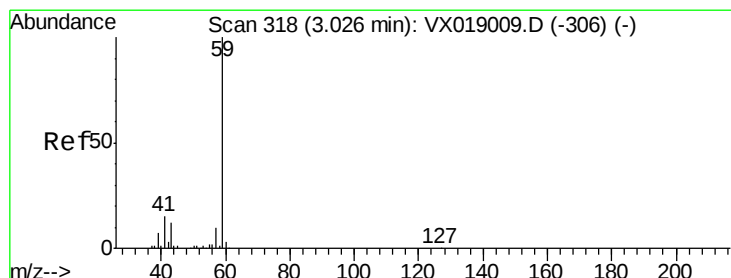
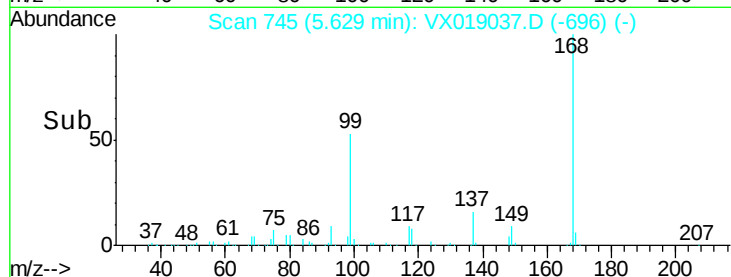
60000

40000

20000

0

Time-->



#11

Tert butyl alcohol

Concen: 10559.183 ug/l

RT: 3.03 min Scan# 318

Delta R.T. 0.00 min

Lab File: VX019037.D

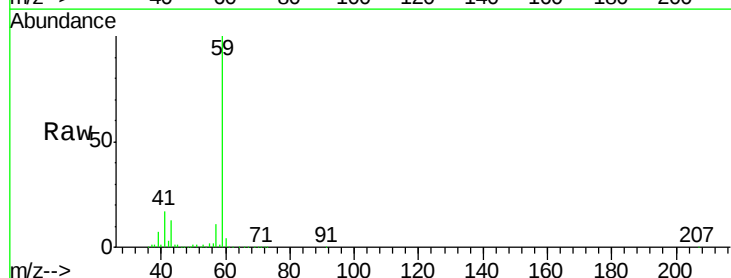
Acq: 22 Oct 2020 18:59

Tgt Ion: 59 Resp: 6763531

Ion Ratio Lower Upper

59 100

57 10.4 8.2 12.2



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.03

4000000

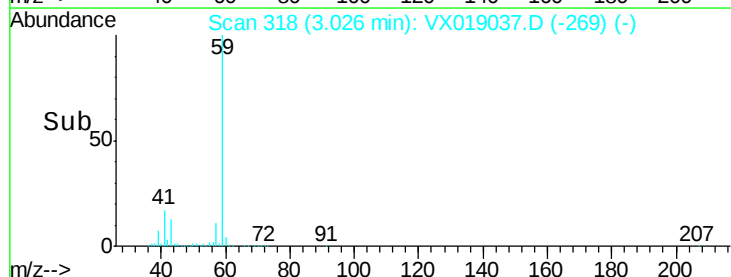
3000000

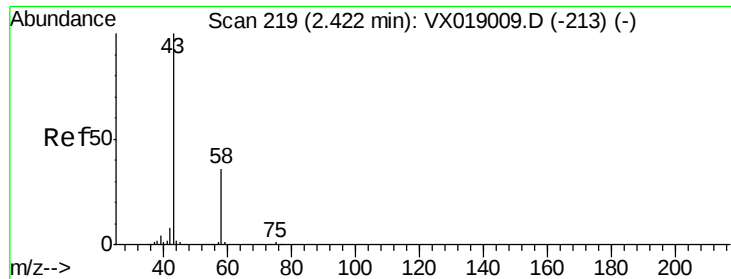
2000000

1000000

0

Time-->





#16

Acetone

Concen: 2.867 ug/l

RT: 2.42 min Scan# 219

Delta R.T. 0.00 min

Lab File: VX019037.D

Acq: 22 Oct 2020 18:59

Instrument :

MSVOA_X

ClientSampleId :

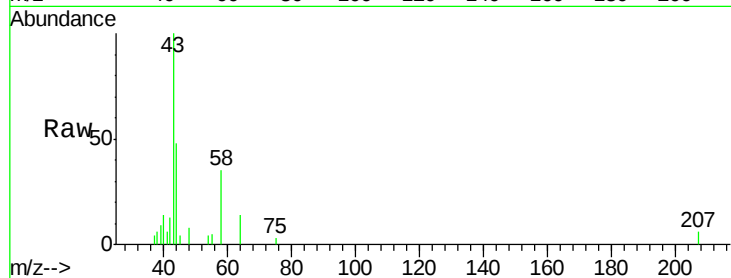
MW-6

Tot Ion: 43 Resp: 3088

Ion Ratio Lower Upper

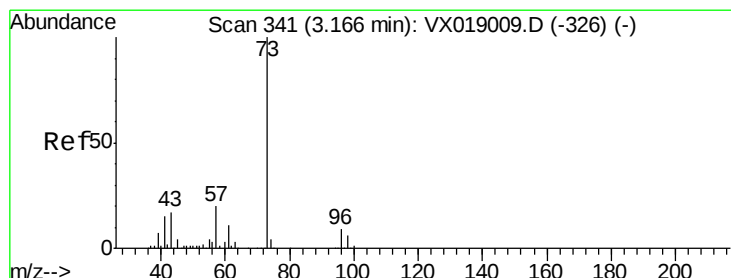
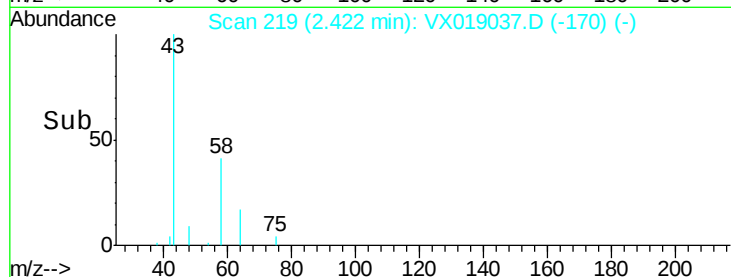
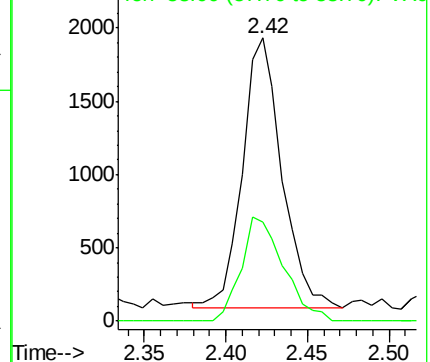
43 100

58 36.9 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#19

Methyl tert-butyl Ether

Concen: 3229.191 ug/l

RT: 3.16 min Scan# 340

Delta R.T. -0.01 min

Lab File: VX019037.D

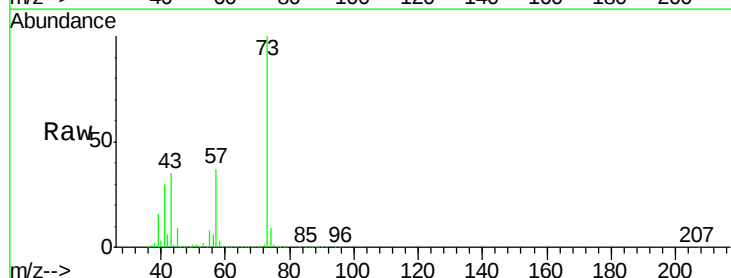
Acq: 22 Oct 2020 18:59

Tgt Ion: 73 Resp: 26286831

Ion Ratio Lower Upper

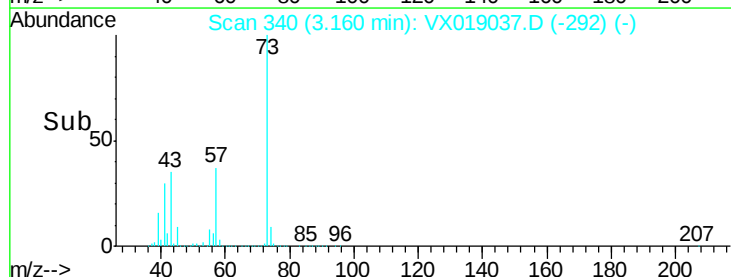
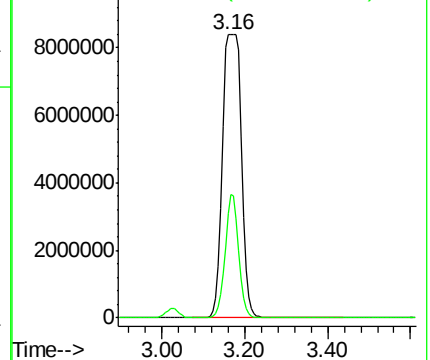
73 100

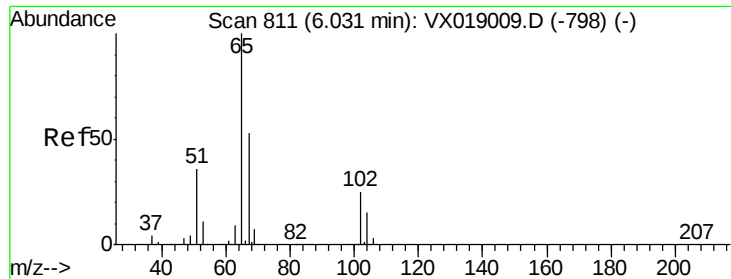
57 36.7 16.2 24.2#



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

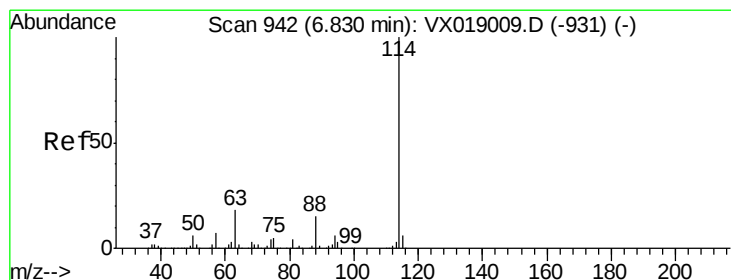
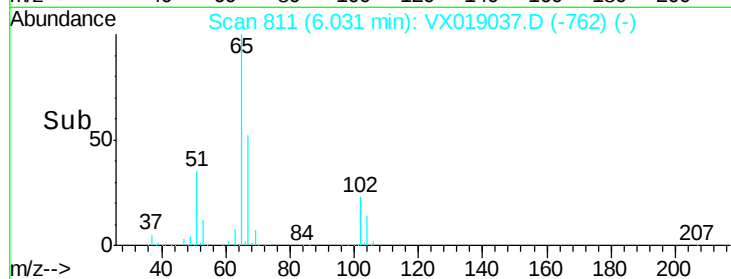
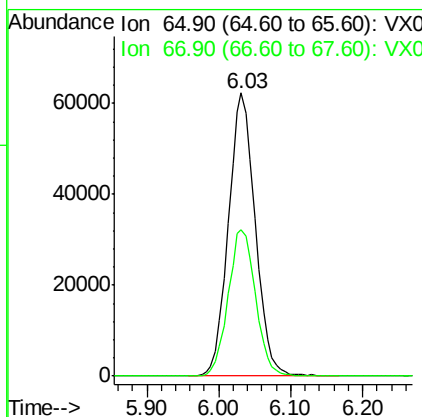
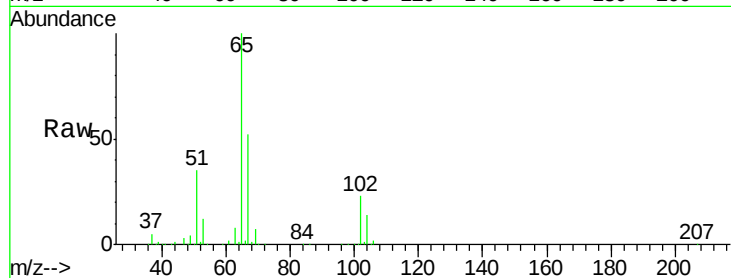




#33
 1,2-Dichloroethane-d4
 Concen: 51.003 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: VX019037.D
 Acq: 22 Oct 2020 18:59

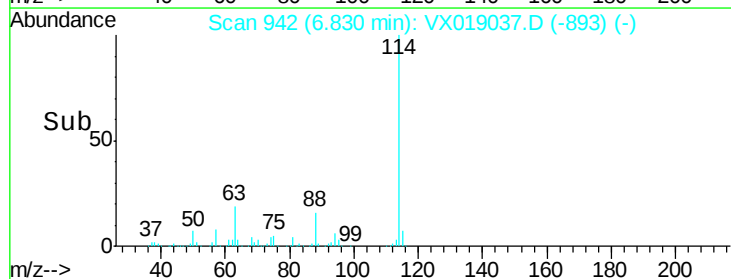
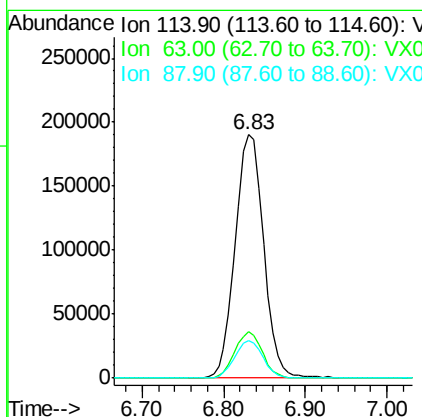
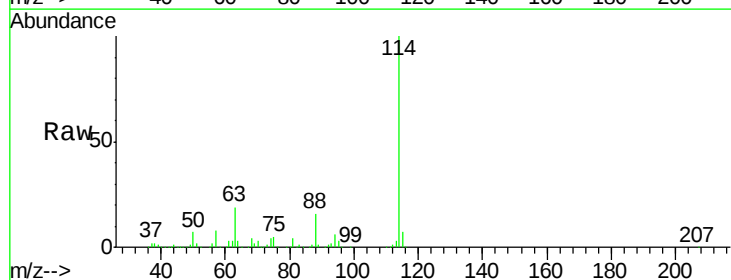
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-6

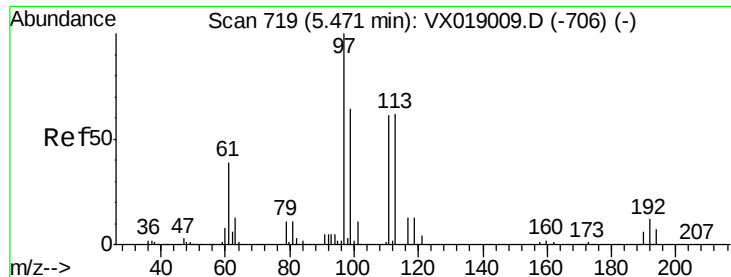
Tot Ion: 65 Resp: 161304
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: VX019037.D
 Acq: 22 Oct 2020 18:59

Tgt Ion: 114 Resp: 459376
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 36.8
 88 15.6 0.0 30.2

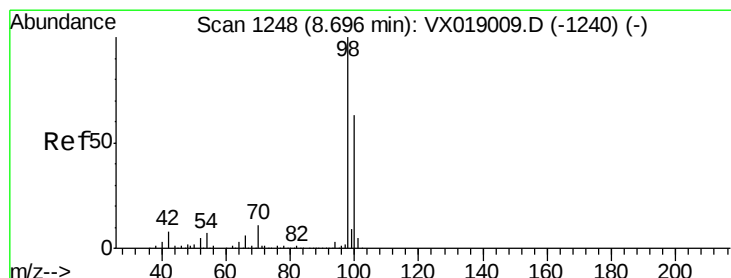
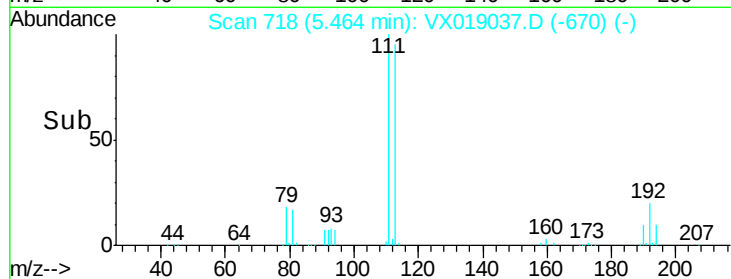
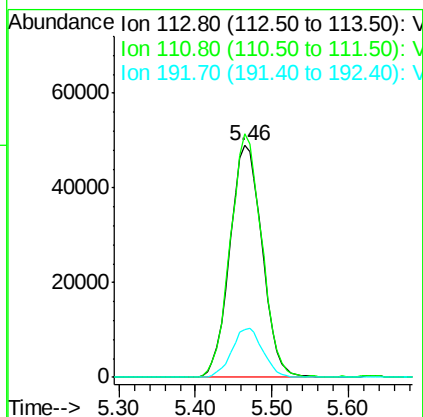
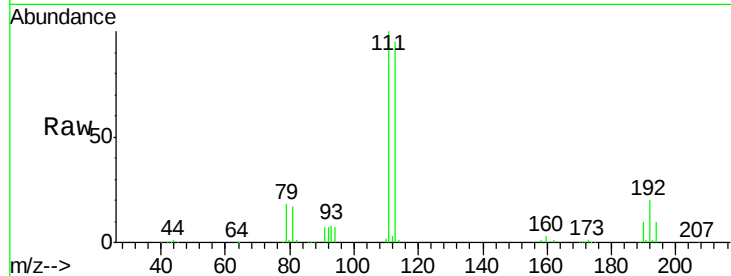




#35
 Dibromofluoromethane
 Concen: 49.291 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.01 min
 Lab File: VX019037.D
 Acq: 22 Oct 2020 18:59

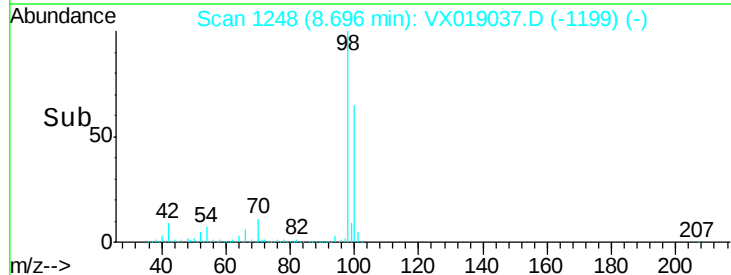
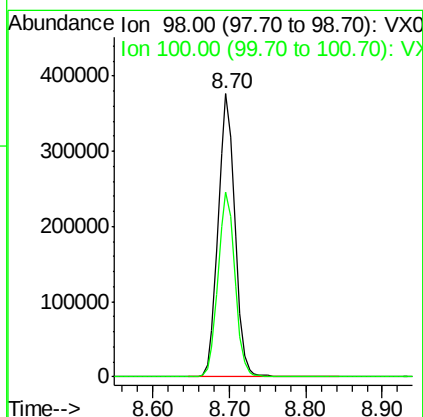
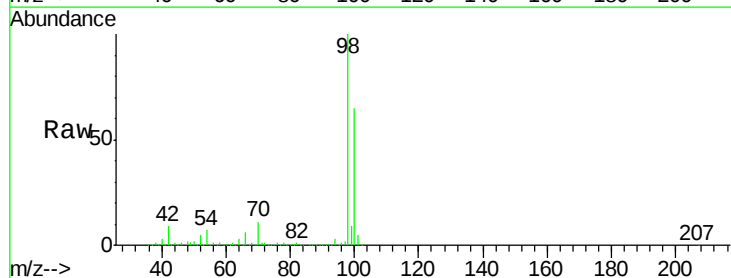
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-6

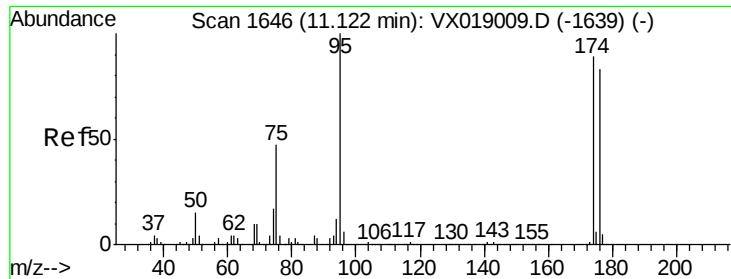
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.1	81.5	122.3
192	20.5	16.3	24.5



#50
 Toluene-d8
 Concen: 51.596 ug/l
 RT: 8.70 min Scan# 1248
 Delta R.T. 0.00 min
 Lab File: VX019037.D
 Acq: 22 Oct 2020 18:59

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.9	52.1	78.1





#62

4-Bromofluorobenzene

Concen: 52.402 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX019037.D

Acq: 22 Oct 2020 18:59

Instrument :

MSVOA_X

ClientSampled :

MW-6

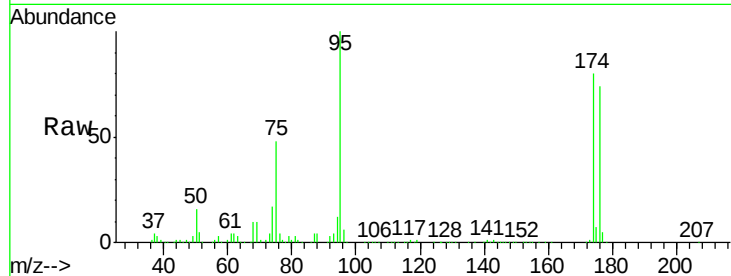
Tot Ion: 95 Resp: 206875

Ion Ratio Lower Upper

95 100

174 81.7 0.0 167.6

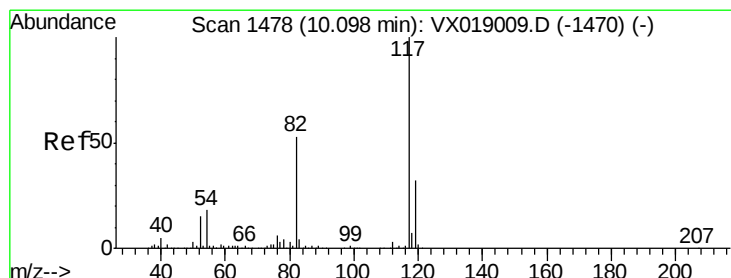
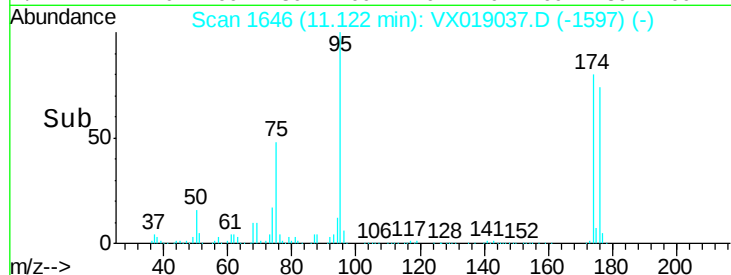
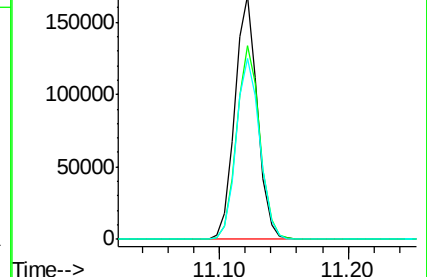
176 77.7 0.0 165.2



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): VX0

Ion 175.80 (175.50 to 176.50): VX0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. 0.00 min

Lab File: VX019037.D

Acq: 22 Oct 2020 18:59

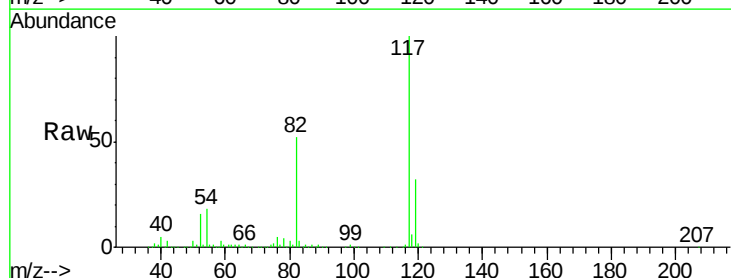
Tgt Ion: 117 Resp: 443331

Ion Ratio Lower Upper

117 100

82 52.0 42.4 63.6

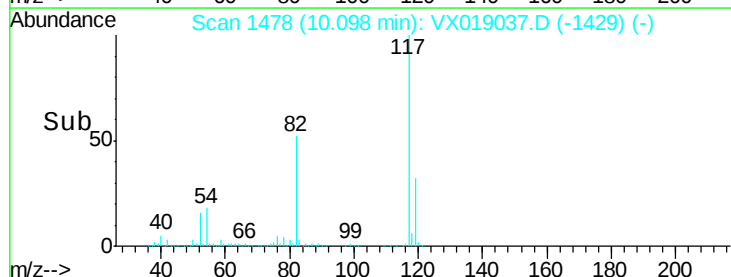
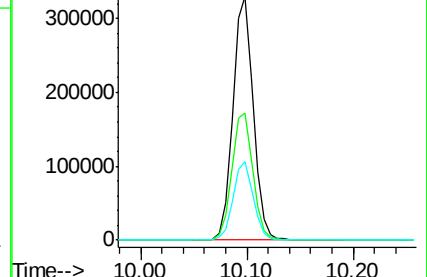
119 32.1 25.6 38.4

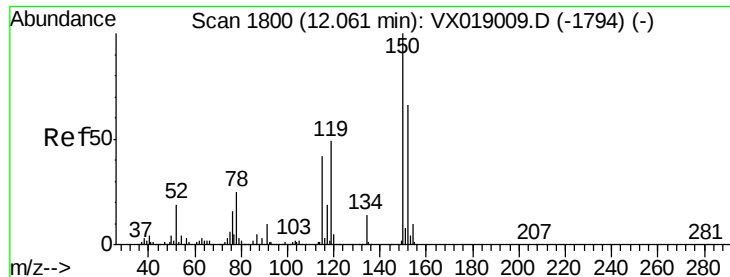


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX019037.D

Acq: 22 Oct 2020 18:59

Instrument :

MSVOA_X

ClientSampleId :

MW-6

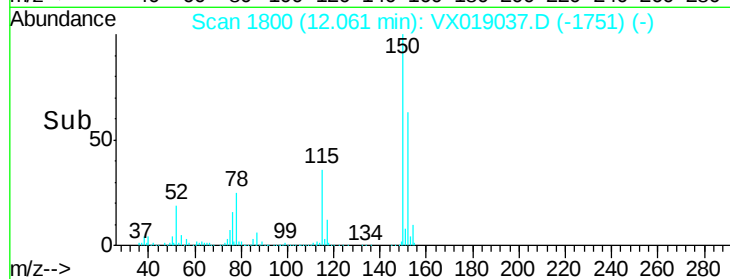
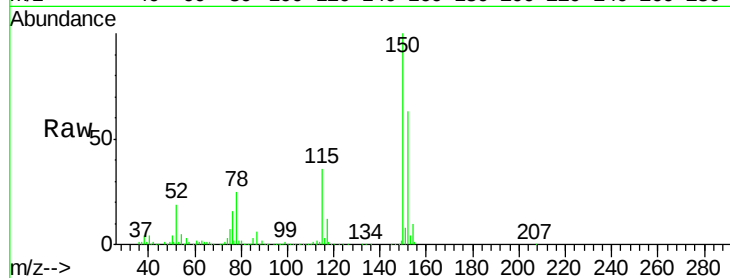
Tot Ion:152 Resp: 225080

Ion Ratio Lower Upper

152 100

115 57.4 40.8 122.5

150 159.1 0.0 345.6



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

